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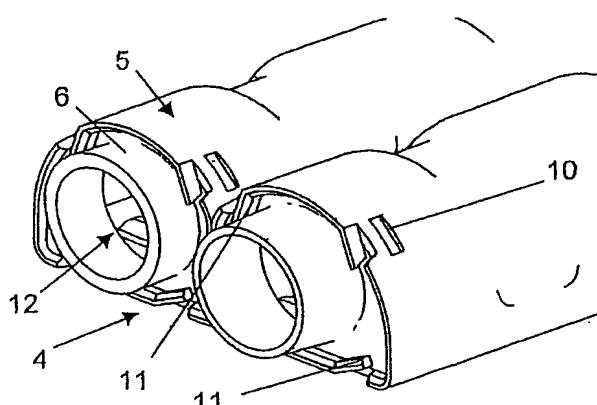
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As printed

(54) Title: HEAT EXCHANGER, IN PARTICULAR A FLAT PIPE EVAPORATOR FOR A MOTOR VEHICLE AIR CONDITIONING SYSTEM

(54) Bezeichnung: WÄRMETAUSCHER, INSbesondere FLACHROHR-VERDAMPFER FÜR EINE KRAFTFAHRZEUG-KLIMAANLAGE

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(57) Abstract: The invention relates to a heat exchanger, in particular a flat pipe evaporator (1) for a motor vehicle air conditioning system, comprising at least one collecting tank (2) made of sheet steel which is divided in the longitudinal direction into at least two chambers and the ends of the pipe, in particular, flat pipes, are introduced in the base thereof. Said collecting tank (2) comprises a tunnel-shaped part (5), an essentially flat part (4) which forms the base, and covers (6) which are arranged on the front side thereof. At least one cover (6) is embodied in a flat manner in at least the outer edge area thereof and is positioned in a positive fit in the collecting tank.

(57) Zusammenfassung: Die Erfindung betrifft einen Wärmetauscher, insbesondere Flachrohr-Verdampfer (1) für eine Kraftfahrzeug-Klimaanlage, mit wenigstens einem (Sammelkasten 2) aus Blech, der in Längsrichtung wenigstens in zwei Kammern unterteilt ist und in dessen Boden die Enden von Rohren, insbesondere von Flachrohren, eingeführt sind, und der Sammelkasten (2) einen tunnelförmigen Sammelkasten-Teil (5), einen im Wesentlichen ebenen Sammelkasten-Teil (4), der den Boden bildet, und stromseitig jeweils Deckel (6) aufweist, wobei mindestens ein Deckel (6) zumindest in seinem äusseren Randbereich eben ausgebildet und formschlüssig im Sammelkasten positioniert ist.

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